SecuGuard™ Lite/Basic

IP Surveillance Software

User's Manual

February 2008
Version: 2.8.x

*This User's Guide contains the basic procedures required to install and operate SecuGuard™ Lite/Basic IP Surveillance Software.

SecuGuard™ Lite/Basic
IP Surveillance Software
User's Manual

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1

Product Information

Overview

SecuGuard™ IP Surveillance Software is designed for IP Surveillance systems that use Multi-profile Video Server / IP Cameras as the Distributed Video Networking solution. With the help of SecuGuard™, system integrators can seamlessly integrate other applications, such as I/O sensors and alarms, with CCTV systems over an IP-based network.

Two models of SecuGuard™ IP Surveillance Software are available:

SecuGuard™ Lite/Basic

- Up to 16-channel IP Surveillance Software with video viewing, recording, camera control, video motion detection, scheduling and user authorization management
- Bundled in the Software CD with Multi-profile Series Video Server / IP Cameras

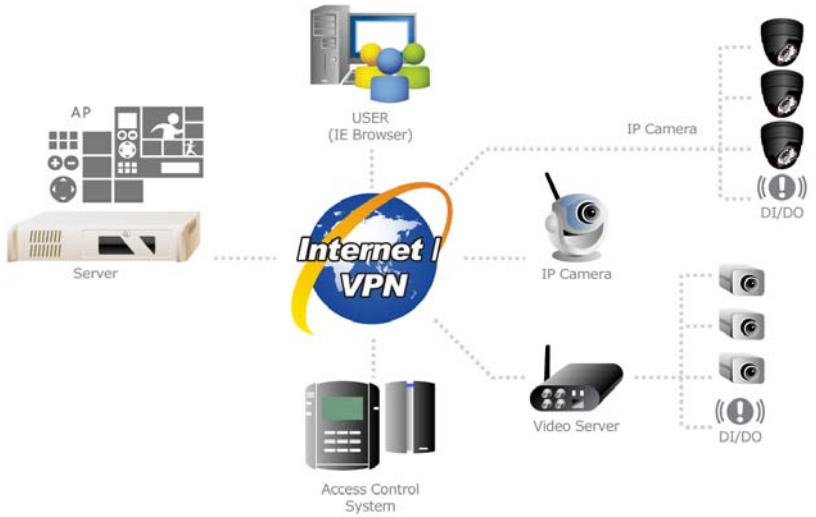
SecuGuard™ Pro

- Up to 64-channel IP Surveillance Software with complete video management, alarm message management, and system administration
- Sold with the Software CD containing SecuGuard™ Pro and User's Manual, Software Key-lock (by Print-Port or USB device)

(Contact your sales representatives to purchase SecuGuard™ Pro IP Surveillance Software.)

This User's Guide only contains information about SecuGuard™ Lite/Basic.

Typical Application



Note The **Multi-layer Motion Detection** and **I/O Device Management** functions are provided only with SecuGuard™ Pro.

Features

Administration Management and Video Server / IP Camera Control

- Supports Multi-profile Series Video Server / IP Cameras
- Separately configurable camera names, video quality, and video resolution
- Can add up to 32 users per system
- User authorization level protection by password
- Supports PTZ camera controls
- Automatically resumes viewing and recording after the system reboots
- Easy camera management with your own e-map

Viewing

- Remote Access from client web browser
- Supports 1, 4, 9, 16 camera viewing formats
  (For SrcuGuard™ Pro, a maximum number of 64 cameras)
- Zoom-in/Zoom-out functions for individual cameras when playing back images
- Viewing and recording by schedule or event triggering for each camera
- Historic playbacks by time or events
- Snapshots taken in playback mode to get JPEG images for printing or saving as evidences
- Adjustable contrast, brightness, sharpness, blurriness, and grayscale of the snapshot images

Recording

- Images recorded in AVI format—compatible with popular media players
- Adjustable recording frame rate over the LAN/Internet to match the real frame transmit speed, and to keep the video synchronized with the actual time
- Overridable HD space in FIFO (First-In-First-Out) sequence
- Recorded video files can be stored on a local PC or a Windows-based networked storage server
  (SecuGuard™ Lite/Basic does not support storing on a network hard disk)

Alarm

- Video Motion Detection function for each camera
- Selectable Video Motion Detection area for each camera
  (SecuGuard™ Lite only supports full image Video Motion Detection)
- Alarms can be triggered by Video Motion Detection, video failures, storage full, Digital Input, and sent via email or Digital Output, or can trigger the PTZ camera to move to a preset position
  (SecuGuard™ Lite only supports Video Motion Detection, Video Fail alarm)
- Alarm status can be reviewed via the alarm log
  (only supported by SecuGuard™ Pro)

System Requirements

SecuGuard™ Lite/Basic

OS: Windows 2000 / XP / Vista
CPU: P4 2.4G Hz or above (3.4GHz recommend) (lite/basic)
Memory: 512MB or above (1G recommend)
VGA: AGP(4X) VGA card with 32MB of display memory or above

Note Since a video surveillance system cousumes a lot of system resources, we strongly recommend that the server you use for running SecuGuard™ is used solely for video surveillance.

2

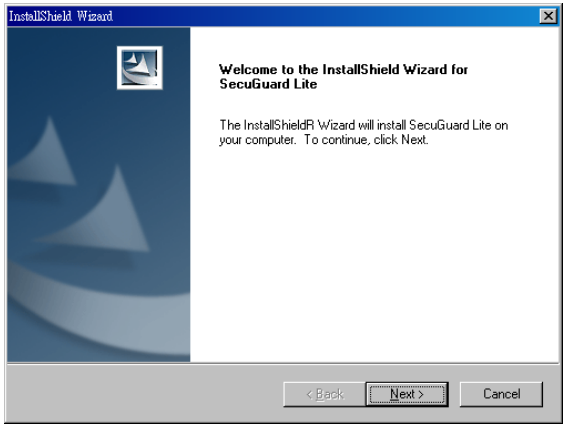
SECUGUARD™ Lite/Basic Installation

Before Installing the Software

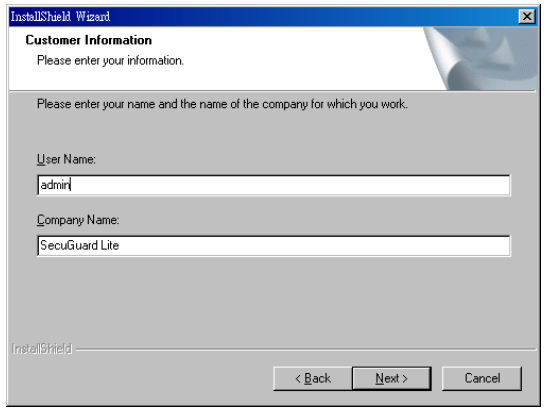
1. Make sure your PC has DirectX 8.1 or above installed.
2. Use the the enclosed software CD.
3. Run **SecuGuard Lite.exe or SecuGuard Basic.exe**, which is included on the Software CD.

Starting the Installation

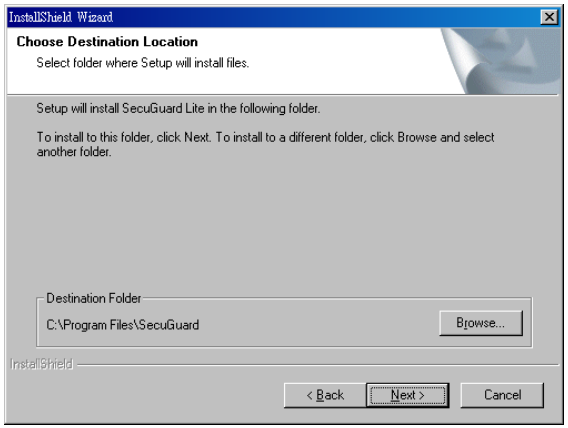
Step 1. The **Installation Wizard** will start. Click on **Next** to continue.


InstallShield Wizard
Welcome to the InstallShield Wizard for SecuGuard Lite
The InstallShieldR Wizard will install SecuGuard Lite on your computer. To continue, click Next.
< Back
Next >
Cancel

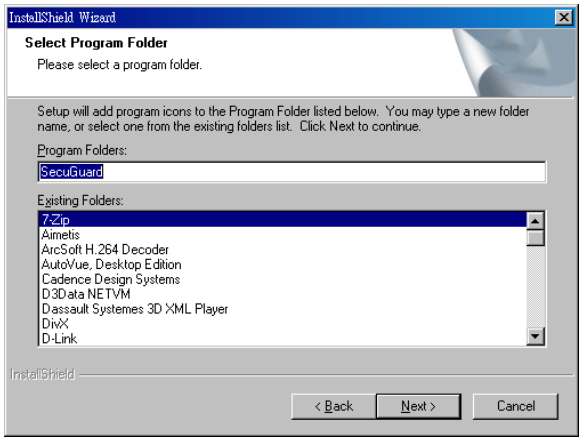
Step 2. The **Customer Information** window will open next. Keyin the User Name which is the username to login SecuGuard™ Lite/Basic.



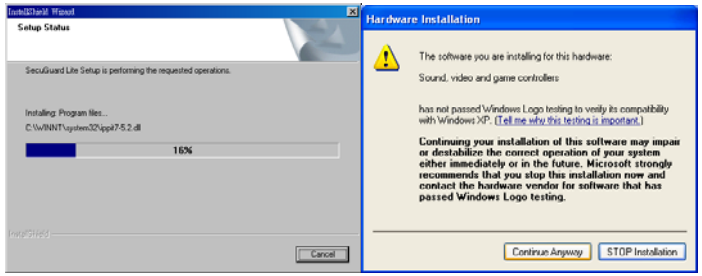
Step 3. The **Choose Destination Location** window will open next. Select the folder you wish to intall SecuGuard™ Lite/Basic to, and then click on **Next** to continue.


InstallShield Wizard
Choose Destination Location
Select folder where Setup will install files.
Setup will install SecuGuard Lite in the following folder.
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.
Destination Folder
C:\Program Files\SecuGuard
Browse...
InstallShield
< Back
Next >
Cancel

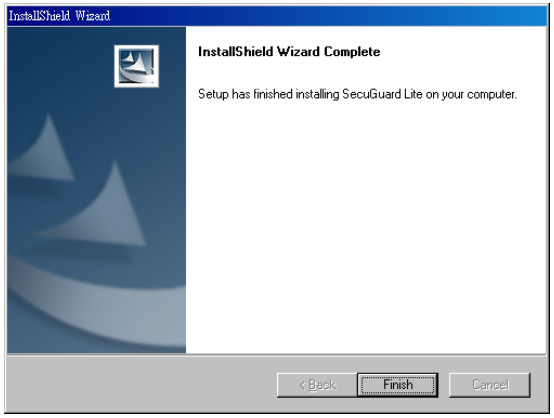
Step 4. The **Select Program Folder** window will open next. Select the program folder that you wish the wizard to create an icon for, and then click on **Next** to continue.



Step 5. The wizard will start the installation process. A digital signature request window will appear during the installation process. Click on **Continue Anyway** to continue the installation.


Setup Status
SecuGuard Lite Setup is performing the requested operations.
16%
Cancel
Hardware Installation
The software you are installing for this hardware:
Sound, video and game controllers
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

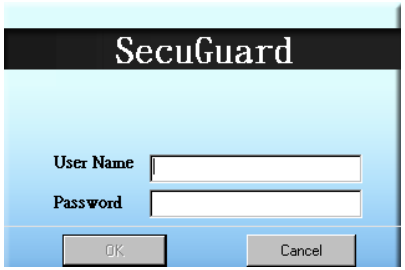
Step 6. The **InstallShield Wizard Complete** window will open next. Click on **Finish** to complete the installation.



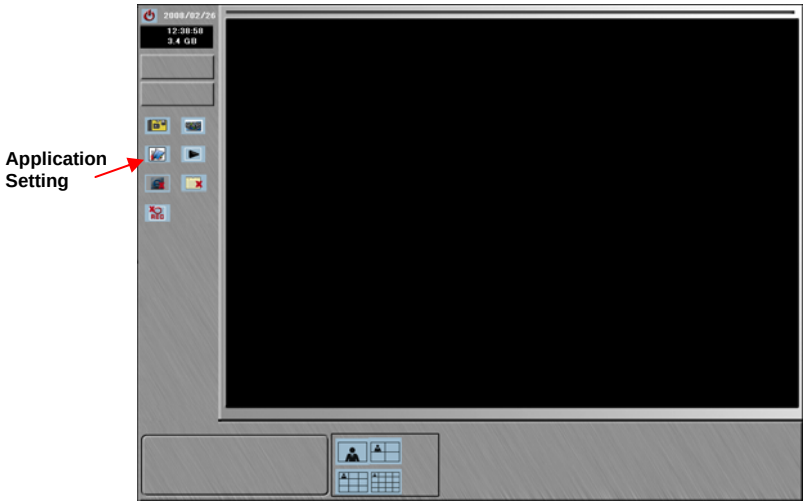
Accessing SecuGuard™ Lite/Basic for the First Time

To launch the SecuGuard program, click on **Start→Program Files→SecuGuard Lite/Basic**.

An authentication request will appear when accessing SecuGuard™ Lite/Basic. Enter the user name and then enter the password that you set up. For other users, type the given user name and password.



The main page will open next. The resolution is 1024 x 768, without any video image. Click on the **Application Settings** button to set up the SecuGuard and cameras.



3

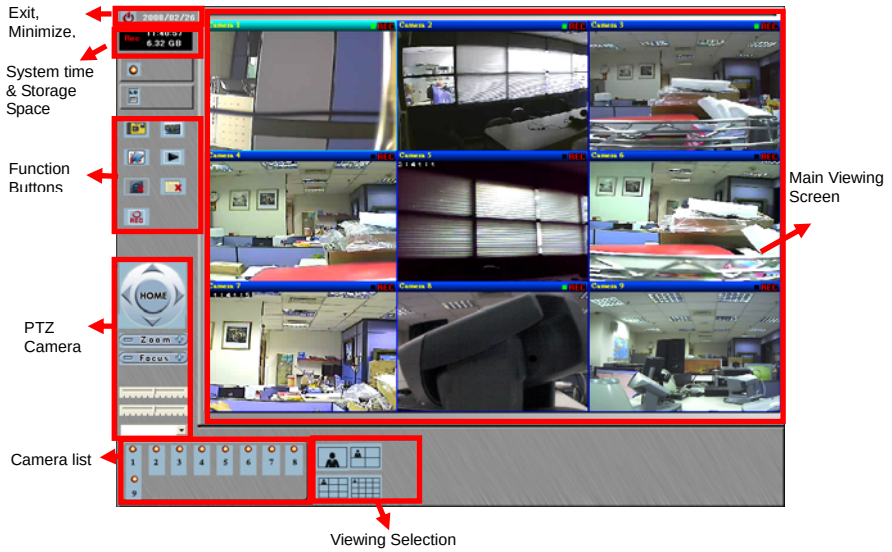
SECUGUARD™ Lite/Basic General Operation

Log in/out

Administrators and users can directly use the Logout/Login function via the Exit/Minimize button located in the bottom right corner of the the main page to exit/access SecuGiard™ Lite.

Panel of SecuGuard Lite/Basic

There are a lot of information and control functons in the panel: System time & Staorage Space Information, Function Buttons, PTZ Camera Control, Camera List, and Viewing Selction as below.



Viewing Selection

SecuGuard™Lite has multi viewing formats. You can easily change the viewing format by using **Viewing Formats Selection**. And you can also select the camera you wish to view/control by clicking on one of the buttons in the **Camera List**.

Function Buttons

Recording

Scheduling

Remote Service

Playback

Application Settings

Camera Map

SnapShot

Recording

To activate the recording function, click on the reording button from the **Function Buttons**. There are 3 kinds of recording, which can be activate with each camera separately.When recording, users can set up the other camera status in the meanwhile:

1. **Monitor only, no recording**: no recording at any time.
2. **Round-the-clock**: recording all the time.
3. **Motion detect**: recording only when Video Motion Detection is triggered.

Scheduling

To activate the scheduling function, click on the **Scheduling** button from the **Function Buttons**. The 5 features for scheduling are as

follows:

1. Set up the time period by time and weekday.
2. Action items only include recording.
3. Camera selectable.
4. Details of scheduling tasks are described in the task remarks.
5. The editable scheduling task list is provided.

Administrators can set up scheduling tasks on the **Application Setting/Scheduling** page.

Note The time period setting for **Scheduling jobs** is based on 24-hour time. If you wish to set an 8-hour time task, which will run overnight, you can set up 2 different scheduling jobs, such as 20:00-23:59, and 00:00-04:00.

Note A **Scheduling job** also includes recording. For this reason, the **Recording** button from the **Function Buttons** on the main page will turn dark to disable the recording function when the **Scheduling** function is active. This is to avoid conflicts caused by the scheduling task and the manual operation of recording and remote service.

Remote Service

For SecuGuard Pro, **Remote Service** allows client users to access the SecuGuard Pro from a remote site. Administrators can activate **Remote Service** to let users view real-time video images, and the playback of recorded files via any standard web browser, by typing **http://IP Address of SecuGuard server** in the address input box. (This funtion does not work in the SecuGuard Lite/Basic version)

Play back

Administrators and users with authorization can view the playback of historic recorded files via the **Playback** function. To activate the **Playback** function, click on the **Playback** button from the **Function Buttons**. A **Security Playback** window will open to play back the recorded file.

Application Settings

There are 6 major setting categories for SecuGuard™ Lite/Basic:

1. **Video Server / IP Camera Configure**: Administrators must configure Multi-profile Series Video Server / IP Cameras and cameras to acquire video images before using the functions provided by SecuGuard™ Lite.

2. **General Setting**: From the **General Setting** page, administrators can configure the SecuGuard™ Lite server's host name, the start-up status, storage disk locations, camera caption, camera display, email addresses to send alarms to, and camera scanning intervals.

3. **Recording**: There are 2 major settings on the **Recording** page. One is the recording setting for each camera, and the other is Video Motion Detection settings.

4. **Scheduling**: Administrators can set up the time period, weekday, tasks, and camera enabling on this page.

5. **User Management**: The administrator's password and user list can be set up on this page. Up to 32 users can be listed. Administrators can also configure camera operation and remote service for each user on this page.

6. **Adding Camera**: Now, SecuGuard Lite/Pro support A-MTK, AXIS, MOXA, Shinsoft, PANASONIC, and Vivotek series IP camera in our searching lists. By clicking the button, Administrators can easily and those IP cameras to your recording systems.

Camera Map

SecuGuard™ Lite/Basic provides a graphic E-map function for camera management. Administrators can import a layout image and place the cameras on the image for easy management of the number of cameras.

To activate this function, click on the **Camera Map** button. Administrators can use this function to manage the cameras easily.

Camera Map